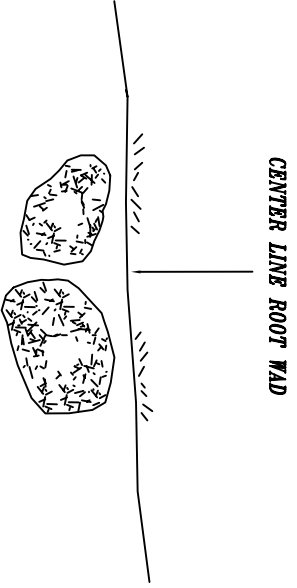
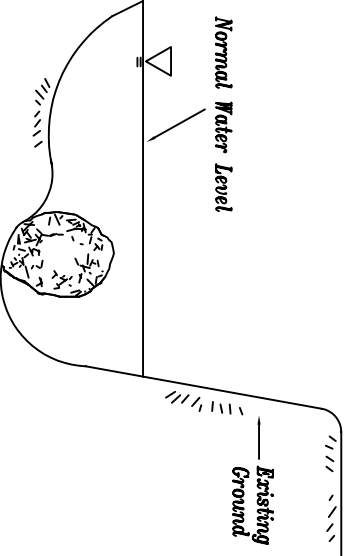
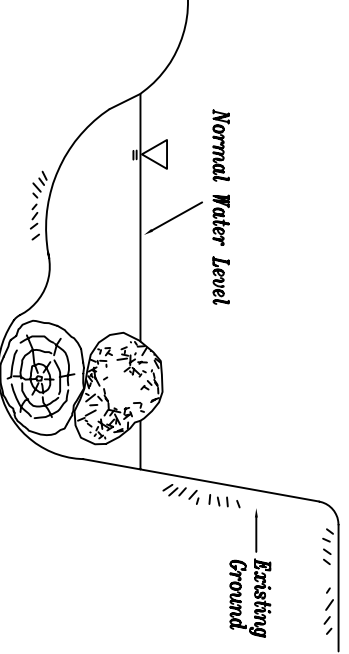
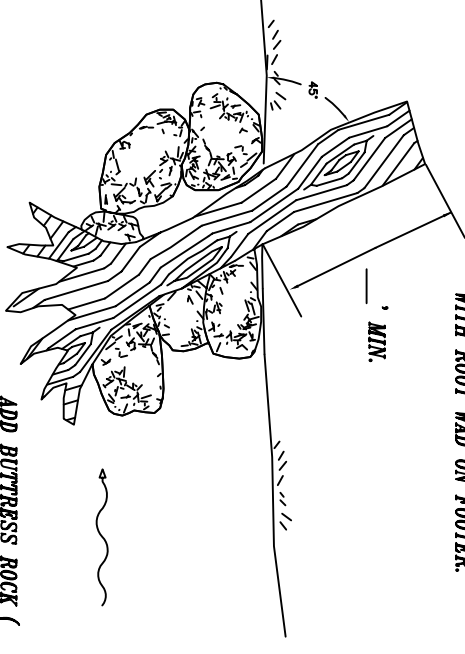
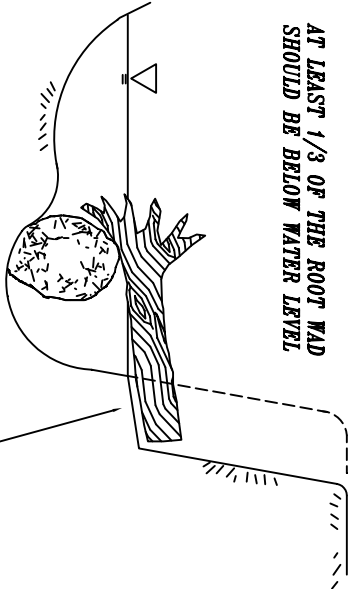
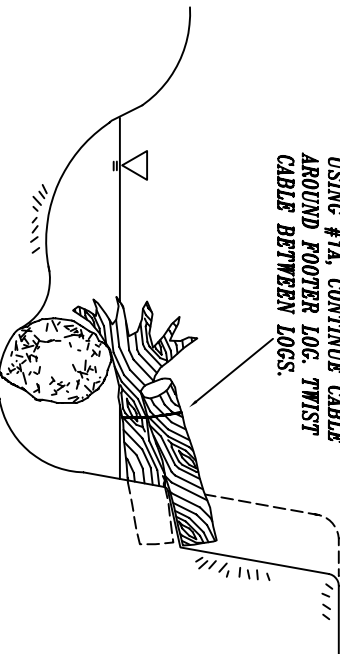
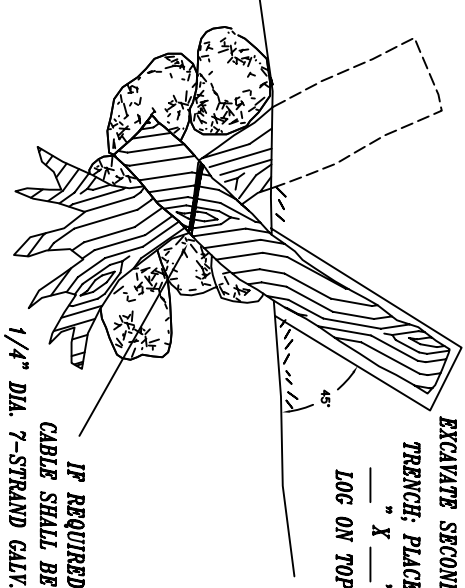
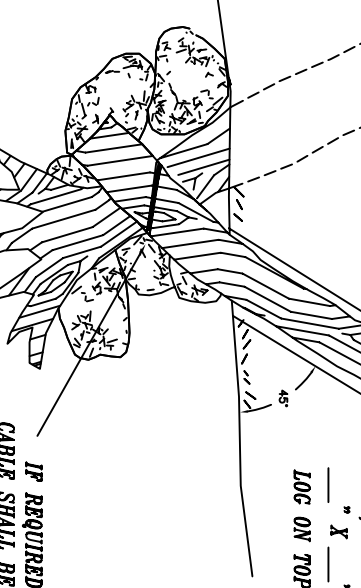
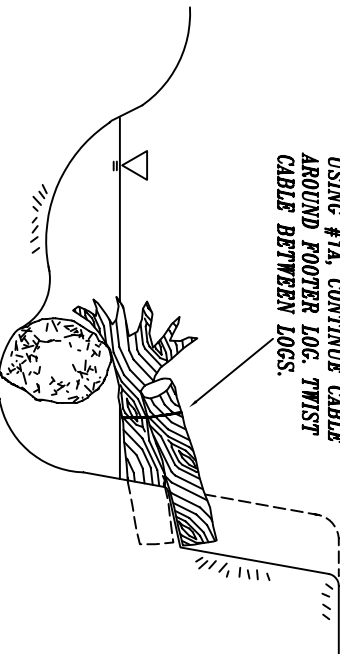
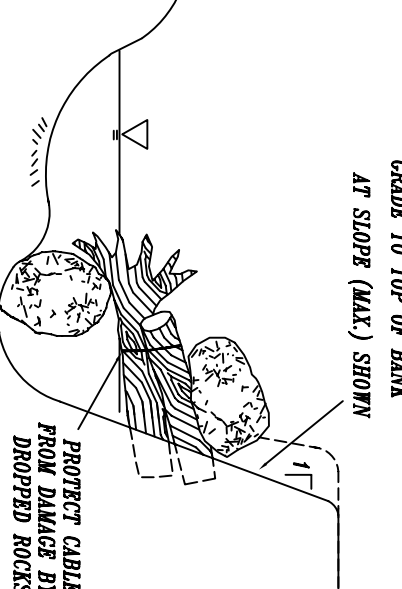
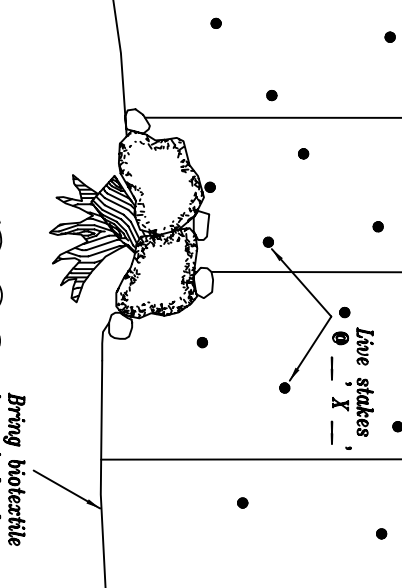
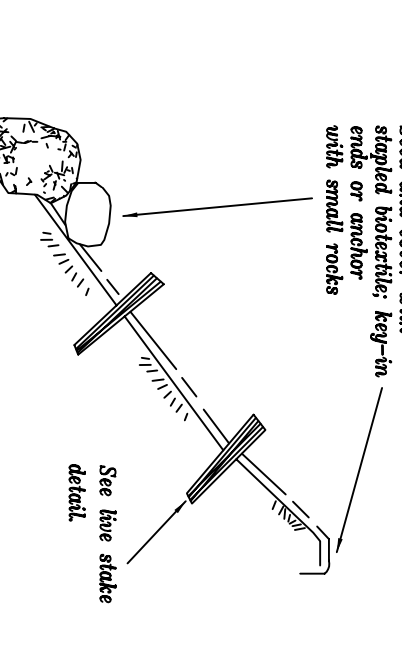
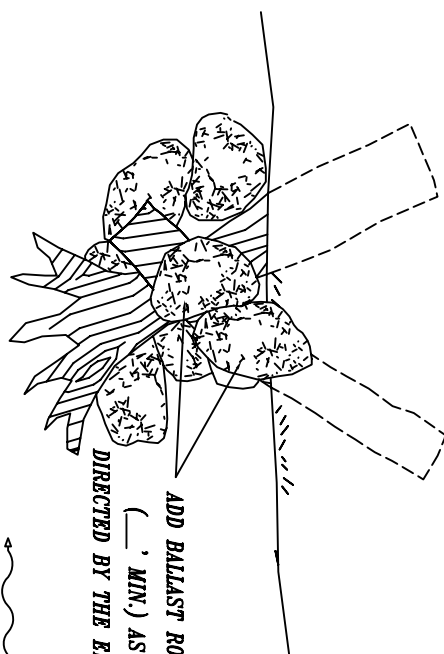
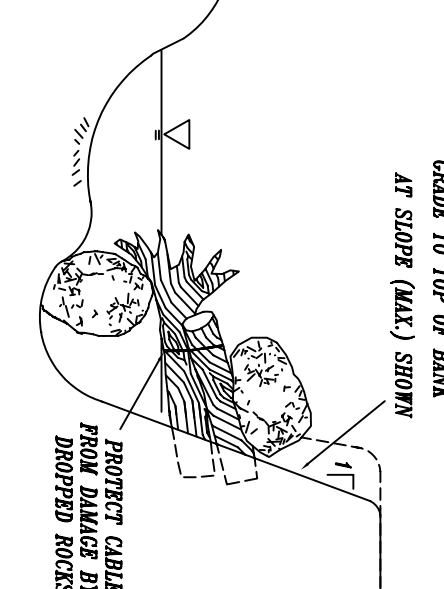
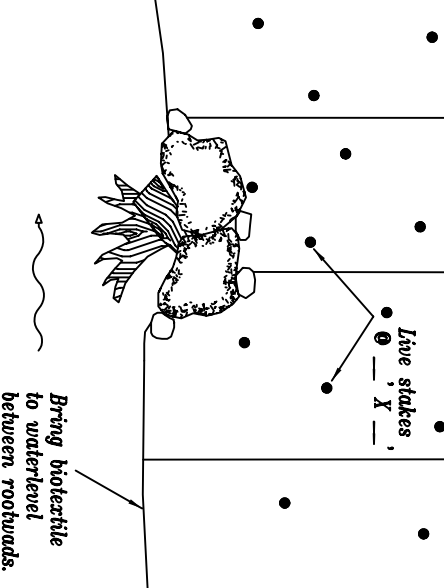
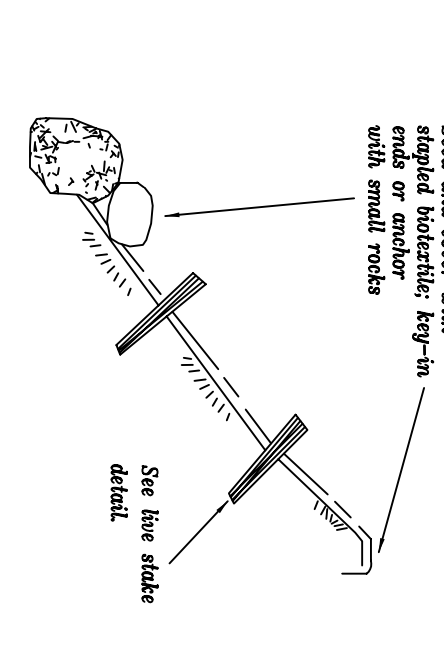
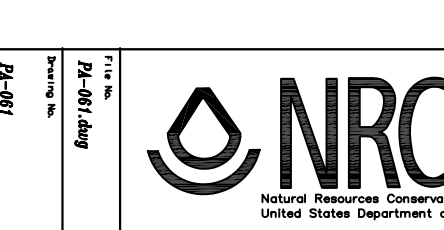




<div>PLAN</div> <div>CENTER LINE ROOT WAD</div> <div></div> <div>PLACE (<u> </u> ' MIN.) FOOTER ROCKS, AS DIRECTED BY THE ENGINEER</div>		STEP #1	PROFILE	<div><--- USE ---> (check one)</div> <div></div>	STEP #1A	PROFILE	<div></div>	<div>Date <u>3/02</u></div> <div>Designed <u>A. WOOD</u></div> <div>Drawn <u>A. WOOD</u></div> <div>Checked <u>S. HILLEGAS</u></div> <div>Approved by _____</div>
<div>PLAN</div> <div>EXCAVATE TRENCH; PLACE <u> </u> " X <u> </u> ' LOG WITH ROOT WAD ON FOOTER.</div> <div></div> <div>ADD BUTTRESS ROCK (<u> </u> ' MIN.) AS DIRECTED BY THE ENGINEER</div>		STEP #2	PROFILE	<div></div> <div>AT LEAST 1/3 OF THE ROOT WAD SHOULD BE BELOW WATER LEVEL</div>	STEP #3	PROFILE	<div></div> <div>CABLE LOGS TOGETHER. IF USING #1A, CONTINUE CABLE AROUND FOOTER LOG. TWIST CABLE BETWEEN LOGS.</div> <div>CABLE REQUIRED: <u> </u> Y <u> </u> N</div>	<div>Root wad in trench installation details plan view & profiles</div>
<div>PLAN</div> <div>EXCAVATE SECOND TRENCH; PLACE <u> </u> " X <u> </u> ' LOG ON TOP</div> <div></div> <div>IF REQUIRED CABLE SHALL BE 1/4" DIA. 7-STRAND GALV. ASTM-A416; CLAMP ENDS</div>		STEP #3	PROFILE	<div></div>	STEP #4	PROFILE	<div></div>	
<div>PLAN</div> <div>GRADE TO TOP OF BANK AT SLOPE (MAX.) SHOWN</div> <div></div> <div>PROTECT CABLE FROM DAMAGE BY DROPPED ROCKS</div>		STEP #5	PROFILE	<div></div>	STEP #6	PROFILE	<div></div> <div>Seed and cover with stapled biotextile; key-in ends or anchor with small rocks</div> <div>See live stake detail.</div>	
<div>PLAN</div> <div>ADD BALLAST ROCK (<u> </u> ' MIN.) AS DIRECTED BY THE ENGINEER</div> <div></div>		STEP #6	PROFILE	<div></div>	STEP #7	PROFILE	<div></div>	
<div>PLAN</div> <div>BRING BIOTEXTILE TO WATERLEVEL BETWEEN ROOTWADS.</div> <div></div>		STEP #7	PROFILE	<div></div>	STEP #8	PROFILE	<div></div>	
<div>FILE NO. <u>PA-061.dwg</u></div> <div>DRAWING NO. <u>PA-061</u></div> <div>SHEET <u> </u> OF <u> </u></div>		<div></div> <div>Natural Resources Conservation Service United States Department of Agriculture</div>		<div>Root wad in trench installation details plan view & profiles</div>				